

Converting Colors

Hex(738FF8)

Have a look what the booklet for
Hex(738FF8) contains.

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Color

Hex(738FF8)

Conversions

Conversions Part 1

Format	Color
Hex	738FF8
RGB	115, 143, 248
RGB Percent	45%, 56%, 97%
CMY	0.5490, 0.4392, 0.0275
CMYK	0.54, 0.42, 0.00, 0.03
HSL	227°, 90%, 71%
HSV	227°, 54%, 97%
XYZ	33.8360, 30.0671, 92.8271
YIQ	146.5980, -50.3930, 26.7190

Conversions

Conversions Part 2

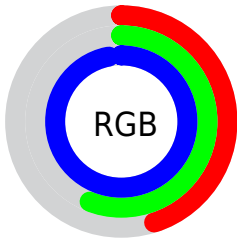
Format	Color
RYB	115, 138, 248
Decimal	7573496
CIELab	61.71, 19.40, -55.66
CIElCh	62, 58.940, 289.216
Yxy	30.0671, 0.2159, 0.1918
Android (android.graphics.Color)	4285763576 (0xFF738FF8)
YUV	146.5980, 49.9912, -27.7114
Hunter-Lab	54.8334, 14.1881, -61.9882

Details

The Hex color **738FF8** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **F8DC73**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **AEC4FF**, and **325DBF** is the 20% darker color. If you saturate the color by 10%, you get **5A7BF8**, and if you desaturate by 10%, it is **8CA3F8**.

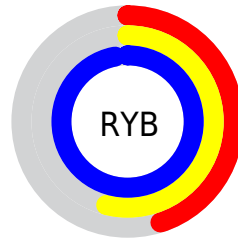
Distribution



Red (45%)

Green (56%)

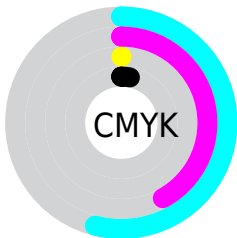
Blue (97%)



Red (45%)

Yellow (54%)

Blue (97%)

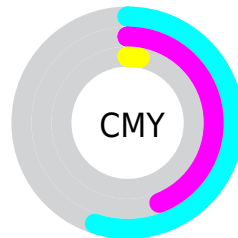


Cyan (54%)

Magenta (42%)

Yellow (0%)

Black (3%)



Cyan (55%)

Magenta (44%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 738FF8 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 738FF8 by changing the saturation by 10% instead.

 738FF8

 738FF8

FFFFFF

 5476DB

 AEC4FF

 325DBF

 CCE0FF

 0046A3

 EAFDFF

 003089

 001D6F

 000356

 00063D

 000327

 000110

 738FF8

 738FF8

 5A7BF8

 8CA3F8

 4168F8

 A5B6F8

 2954F8

 BDCAF8

 1041F8

 D6DDF8

 0034F8

 EFF1F8

 FFFFF8

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



00A0FC



738FF8



C279DA

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



738FF8



E47747



00AD80

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



738FF8



F8DC73

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



51A74D



738FF8



C08C26

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



738FF8



F46676



909D28



00AEB6

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



738FF8



E06BBB



909D28



00AC6E

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



738FF8



D6DFFF



73F8DB



676C80



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



738FF8



5C7EFF



9973F8



70737D



0028BD



000D3D

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



F8738F



FF5C7E



D2F873



7D7073



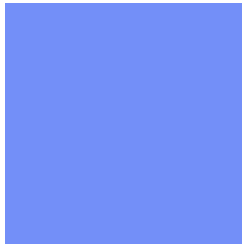
BD0028



3D000D

Previews

White Background



This preview shows how the Hex color 738FF8 looks on a white background.

Color Contrast Check

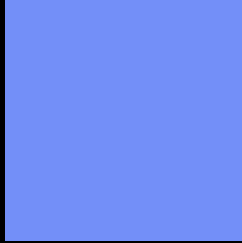
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 738FF8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

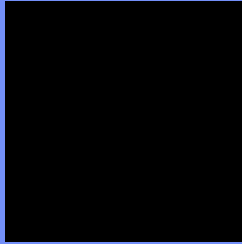
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 738FF8 Background



This preview shows how black text looks on a background with the Hex color 738FF8.



This preview shows how white text looks on a background with the Hex color 738FF8.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

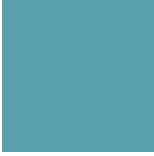
Dichromacy



Original Color
738FF8

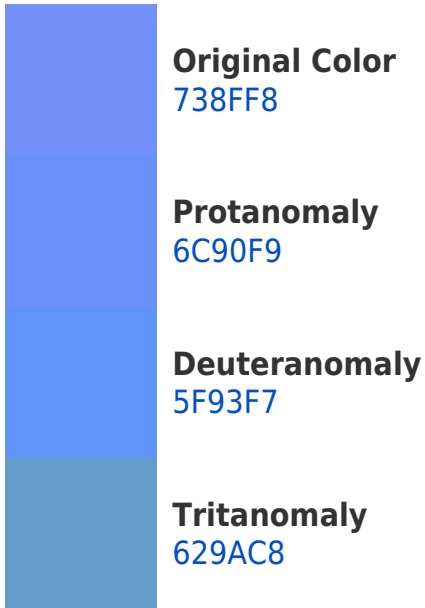
Protanopia
6891FA

Deuteranopia
5495F6

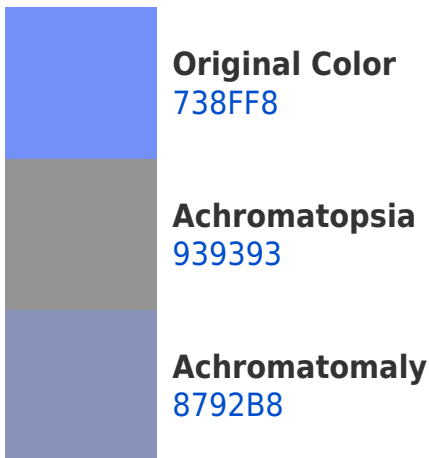


Tritanopia
58A0AC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 738FF8 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #738FF8 looks like.

```
.text, #text, p{  
    color:#738FF8  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #738FF8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #738FF8  
}
```

Border

The CSS property to change the border of an element to Hex 738FF8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#738FF8 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#738FF8 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #738FF8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #738FF8; -webkit-box-shadow:4px 4px  
4px 4px #738FF8; box-shadow:4px 4px 4px  
4px #738FF8 }
```

Background

The CSS property to change the background color of an element to Hex 738FF8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#738FF8 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#738FF8 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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